Borough of New Windsor.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

INSPECTOR OF NUISANCES

FOR THE YEAR 1907.

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ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1907.

To the Mayor, Aldermen, and Burgesses of the Borough of Windsor.

Gentlemen,

I have the honour of presenting to you my Twenty-sixth Annual Report on the sanitary condition of the Borough of Windsor.

Population

The Population of the Borough at Midsummer, 1907, estimated according to the recognized rule, was 13,955, including 1,147, or thereabout, residents in the Barracks.

Births.

Birth-rate.

The number of births registered during the year was 283, (of 145 male children and 138 female), being greater than that of 1906 by 24, but 12 less than the mean for the preceding ten years. The birth-rate in Windsor was 21·1 per 1,000 persons living, while that in England and Wales was 26·3. The birth-rate has everywhere been rapidly falling the last twenty-five years, but the decline has been less great in Windsor than in the country as a whole.

Deaths. The number of deaths, corrected in respect of those which took place in public institutions, was 139, being less than that of any previous year of which I have a record, and falling short of the mean number for the preceding ten years by 38.

Death-rate The death-rate per 1,000 persons living was 10, and equivalent to a rate of 11·1 in a population of standard composition as to age and sex. The corresponding rate in England and Wales was 15.

Deaths of Infants. Of infants, under twelve months old, 24 died, that being at the rate of 83 to 1,000 born. The corresponding rate in England and Wales was 118.

The causes of the deaths of these infants are given in Table V. Nine of the deaths were due to premature birth or to congenital defects, 4 to pneumonia and bronchitis, and 4 to diarrhœal diseases. It is these latter diseases that belong most distinctly to the "preventable" class, but their moderate degree of fatality is probably due to the favourable weather conditions that prevailed during the year. It is, however, satisfactory that no death was attributed to marasmus or mal-nutrition.

Zymotic Diseases. The seven "principal zymotic diseases" were the causes of 8 deaths, of which 1 was due to Scarlet fever, 1 to Diphtheria, 2 to Whooping Cough, and 4 to Diarrhœa. No case of Small-pox was notified, nor any of Enteric fever, except one which occurred in the Barracks, and was probably imported.

Scarlet Fever. Scarlet fever was reported in 36 cases. These were distributed among 31 houses, which contained about 44 other, presumably susceptible, children and young persons. Of these forty-four only 3 were secondarily infected after the notification of the first case. Seven,

or perhaps eight of the cases were traceable to infection at school, and I think it necessary again to refer to the danger of stimulating too strongly the desire of parents and children to gain the credit of the unbroken regularity of the children's attendance at school.

Diphtheria

Cases of Diphtheria continued to occur, but were less numerous and less fatal than in the previous year. There were 29 cases, with 1 death, in 1907, against 46 cases, with 6 deaths, in 1906. The 29 cases were distributed in 26 houses, which contained about 39 other children and young persons, of whom 3 were secondarily infected. It is remarkable that these secondary cases followed the first with intervals of nine, eighteen and thirty-five weeks respectively. I think it probable that these were instances of long-continued infectivity of the convalescent patients, or, possibly, of some "carrier" of the contagion who had not himself sickened. In no case was there reason to attribute the sickness to any sanitary defect in the dwelling, or to infected milk.

Whooping Cough.

Cases of Whooping Cough, 43 in number, were reported from the Holy Trinity, Spital, and Alexandra Road Infant Schools.

Measles.

Measles ~~were~~ was almost absent.

Diarrhœa.

Summer Diarrhœa occurred with less than usual frequency and fatality.

Phthisis.

The mortality due to Pulmonary Consumption continues to decline, only 11 deaths being attributed to this disease during the year. During the four preceding quinquennial periods the death-rates of this disease were 1·7, 1·4, 1·3 and 1·1, and in 1907 it was 0·8 per 1,000. The mortality of other Pulmonary Diseases declined during the same periods in even greater degree.

Inspection

I have made the usual systematic inspections of the district, and have received from the Sanitary Inspector weekly reports of the nuisances and other sanitary shortcomings discovered by him. 154 such defects were thus brought to my notice, and have been duly dealt with. No cases of serious overcrowding were reported to me.

The Workshops, Work-places, Bakehouses, Cow-sheds and Milkshops have been visited and inspected by Mr. Mellows and myself.

Samples of Food and Drugs, to the number of 43, were sent to the Public Analyst. No case of serious adulteration was discovered.

The Public Elementary Schools were visited as occasion required. No outbreak of infectious disease, such as to call for the temporary closing of any of these schools, occurred during the year.

The Small-Pox Hospital, at The Ham, was maintained in readiness for an occasion which fortunately did not arise.

Joint Hospital Board.

The Joint Hospital Board has found itself unable to accomplish its mission, and is now seeking to terminate its own existence, and so leave its three constituent members free to act independently.

Several Acts having reference to Public Health were passed in the last session of Parliament.

Notification of Births Act.

(1) An adoptive Act, requiring the immediate notification of births to the Medical Officer of Health. But to make use of the information so received the services of a "health visitor"—who should be a lady—would be necessary; and I have not thought it right to recommend the adoption of this Act at present.

(2) The P.H.A. Amendment Act is also optionally adoptive. The sanitary sections would strengthen the hands of the sanitary authority in dealing with nuisances and other shortcomings and misdoings, and it is, perhaps, desirable to obtain the fresh powers offered. But I am bound to say that, with one or two exceptions, the want of them has not hitherto been felt to cause inconvenience. § 25 would enable the S.A. to require that the yards of dwelling-houses should be properly paved and drained—a much needed provision. § 49 would also be valuable. It gives the S.A. power to require the provision of a sink or drain in connection with any house. § 67 would authorise the S.A. to provide nurses for the sick.

P.H.A. Amendment Act.

No representation under the H.W. Cl. Act was made by me during the year.

H.W. Cl. Act.

Nine New Houses were completed in the year 1907, making a total of 150 since January, 1901; while during during the same period about 80 have been demolished or closed. There is still a want of low-rented cottages or tenements, suitable for tenants of the class of unskilled labourers.

New Houses.

Another desideratum to which I have often adverted is an establishment of Public Baths; and I would offer the suggestion that the building at present occupied as the Royal Infirmary might be very conveniently adapted to that purpose.

The usual statistical tables are appended.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient servant,

EDWARD CASEY.

PARK STREET,

February 4th, 1908.

TABLE I.

Vital Statistics of whole District during 1907 and Previous Years.

Name of District - - New Windsor Borough.

Year.	Population estimated to middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-Residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rates.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1897	12896	305	23·7	30	98	164	12·7	27	19	20	165	12·8
1898	12990	303	23·3	53	175	203	15·6	19	13	16	206	15·8
1899	13085	311	23·8	32	103	170	13	15	8	26	188	14·4
1900	13886	268	19·2	23	88	184	13·2	19	12	12	184	13·3
1901	13983	320	22·8	28	88	184	13·2	31	22	14	176	12·6
1902	14080	323	22·9	28	87	187	13·3	25	21	12	178	12·6
1903	13557	275	20·3	26	94	163	12	36	28	23	158	11·7
1904	13655	295	21·6	44	149	182	13·3	36	22	18	178	13
1905	13755	289	21	32	111	163	11·8	32	23	12	152	11·1
1906	13855	259	18·7	29	112	176	12·7	30	22	23	177	12·8
Averages for years 1897-1906	13574	295	21·7	32	110	178	13·1	27	19	17·6	176	13
1907	13955	283	21·1	24	83	150	10·8	36	26	15	139	10

* Rates in columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in Acres (exclusiue of area covered by water), 2.717.

Total population at all ages 13,958
Number of inhabited houses . . . . . 2,497 } At Census of 1901.
Average number of persons per house . . 5·6

TABLE III.

Cases of Infectious Disease notified during the Year 1907.

Name of District - - New Windsor Borough.

CASES NOTIFIED IN WHOLE DISTRICT.							
Notifiable Disease.	All ages.	Under 1.	1 to 5.	5 to 15.	15 to 20.	20 to 65.	65 upw'ds.
Small-pox ...	0	0	0	0	0	0	0
Diphtheria ...	29	0	6	21	0	1	0
Erysipelas ...	2	...	...	...	...	...	...
Scarlet fever	36	0	5	26	2	3	0
Typhus fever	0	0	0	0	0	0	0
Enteric fever	1	...	...	...	...	...	...
Puerperal fever ...	0	0	0	0	0	0	0
Totals	68	0	11	47	2	4	0

TABLE IV.

Causes of and Ages at Death during the Year 1907.

Name of District - New Windsor Borough.

Causes of Death.	Deaths at the subjoined ages of residents, whether occurring in or beyond the District.							Total Deaths whether of residents or non-residents in Public Institutions in the District.
	All ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	
Small-pox	0	...	...	...	...	...	...	...
Measles	0	...	...	...	...	...	...	...
Scarlet fever	1	...	...	1	...	...	...	...
Whooping cough	2	2	...	...	...	...	...	...
Diphtheria & membraneous croup	1	...	1	...	...	...	...	...
Enteric fever...	0	...	...	...	...	...	...	...
Epidemic influenza...	3	...	...	...	...	1	2	...
Diarrhœa	4	3	1	...	...	...	...	...
Enteritis	1	1	...	...	...	...	...	...
Puerperal fever	1	...		...	1	...	...	...
Erysipelas	1	1	...	...	...	...	...	1
Other septic diseases	1		...	...	...	1	...	2
Phthisis (pulmonary tuberculosis)	11	...	...	2	2	7	...	3
Other tubercular diseases... ...	2	1	...	1	...	...	...	1
Cancer (malignant disease) ...	15	...	...	...	...	6	9	3
Bronchitis	9	1	...		...	5	3	1
Pneumonia	6	3	...	...	...	2	1	...
Alcoholism (cirrhosis of liver) ...	2	...	...	...	...	...	2	...
Venereal diseases	1	1	...	...	...	...	...	...
Premature birth	6	6	...	...	...	...	...	...
Diseases & accidents of parturition	2	...	...	...	1	1	...	...
Heart diseases	18	1	...	...	2	10	5	1
Accidents	6	...	1	1	...	3	1	8
Suicides	0	...	...	...	...	...	...	...
All other causes	46	4	1	...	...	11	30	15
All Causes	139	24	4	5	6	47	53	36

In recording the facts under the various headings of Tables I., III., IV. and V., attention has been given to the notes on the Tables.

Edward Casey, *Medical Officer of Health.*

January 13th, 1908.

TABLE V.—Infantile Mortality during the Year 1907.

Deaths from Stated Causes in Weeks and Months under One Year of Age.

Causes of Death.	Under 1 Week.	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month.	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes—Certified	4	2	1	1	8	1	2	4	1	1	1		1	3	1	0	24
,, Uncertified ...	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
Whooping Cough	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2
Diarrhœa	...		...	...	...	1	...	...	1	1	...	...	...	...	...	...	3
Enteritis	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Premature Birth	3	1	...	...	4	...	1	1	...	...	...	...	...	...	...	...	6
Congenital Defects	1	1	...	...	2	1	...	...	...	...	...	...	...	...	...	...	3
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Erysipelas	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Syphilis	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1
Convulsions	...	...	...	—	...	...	...	1	...	...	...	...	...	...	...	...	1
Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Pneumonia	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	3
Other Causes	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	4	3		1	8	2	2	4	1	1	1	0	1	3	1	0	24

ANNUAL REPORT FOR THE YEAR 1907.

To the New Windsor Urban Sanitary Authority.

Gentlemen,

I have the honour to present my Report on the Sanitary work done by your Inspector during the twelve months ending the 31st December, 1907; this being my Twentieth Annual Report.

A house-to-house inspection has been made of the following localities :—

Locality.	Number of times.
Adelaide Square	1
Acre Passage	3
Arthur Road	4
Albany Road	1
Ann's Place	4
Albion Place	3
Alma Cottages	4
Alexandra Road	2
Alma Road (part of)	2
Bridgewater Terrace	5
Barrack Lane	3
Brook Street	2
Bolton Road	1
Bourne Avenue	3
Cambridge Place	2
Church Street	3
Clarence Road	1
Clarence Crescent	1
Clarence Clump	6
Charles Street	4
Charles Place	4
Charles Street Cottages	4
Devereux Road	1
Dagmar Road	2
Datchet Road	1
Distil House Row	6
Frances Road	2
Great Western Place	4
Goswell Lane	4
Goswell Place	4
Garden Court	6
Garfield Place	1
Grove Road	3

Locality.	Number of times.
Grove Place	3
Gloucester Place	1
Helena Road	2
James Street	1
Keppel Row	4
King's Road	1
Leworth Place	1
Melbourne Place	1
New Cottages	4
Oxford Road	2
Osborne Road	1
Prince Consort Cottages	3
Peascod Street	1
Providence Place	1
Pleasant Place	2
Queen's Road	1
Red Lion Row	6
River Street	6
St. Mark's Road	1
St. Mark's Place	1
St. Leonard's Road (parts of)	3
St. Leonard's Avenue	2
Sydney Place	6
South Place	6
Sun Passage	4
Tolladay Place	6
Temple Road	1
Thames Street	1
Una Terrace	2
Victoria Cottages	6
Victoria Street	1
Victor Road	2
William Street	1

House-to-house inspection as to the following number of premises	3,843
Special visitations on complaints	52
Re-inspections to ascertain if defects are remedied ...	355

Works done to procure abatement of nuisances and improvement of Sanitary fittings as follows :—

New house drains provided	10
House drains unstopped	7
,, ,, repaired	18
,, ,, ventilated	3
,, ,, tested	2
,, ,, inlets to, provided with traps	7
Water closets unstopped	6
,, ,, repaired	9
,, ,, drains to, repaired	2
,, ,, flushing apparatus to, repaired	10
,, ,, new basins to, provided	1
Sinks, waste pipe to, properly disconnected	2
,, gulley to, repaired	2
,, inlets to, from drains properly trapped	2
, reconstructed	1
Various nuisances	52
Damp walls of houses improved by damp course and ventilation	11
Yard pavings amended	16
Rain-water pipes repaired	5
Roofs of houses and gutterings repaired	17
Interiors of houses cleansed, whitened, and repaired ...	82
Cases of overcrowding abated	2
Animals kept as to be a nuisance	3
Nuisance from foul deposits and manure abated	9
New dust bins provided	26
Nuisance from condition of urinals abated	2
	287

INFECTIOUS DISEASES PREVENTION ACT, 1890.

Disinfection has been carried out in the following cases:—

Scarlet fever (notifiable)	33
Diphtheria ,, ...	29
Erysipelas ,, ...	2
Phthisis (not notifiable)	4
Cancer ,, ,, ...	0
Number of infectious diseases notified was...	68
Number of rooms disinfected	56
Number of bedding and other articles disinfected	1,051
Load of bedding disinfected	39
Number of articles of bedding, etc., destroyed	245

The following schools were disinfected:—

British Girls'.

Miss Glover's.

I have inspected water-fittings, and discovered and caused to be remedied	75
Defects	0
Complaints of nuisances attended to	58
Letters written asking for abatement of nuisances ...	184
Information of nuisances to Sanitary Authority	10
Statutory notices served	10
Prosecutions	Nil

DAIRIES, COWSHEDS, & MILKSHOPS ORDER, 1885.

The premises of the persons engaged in this business have been frequently visited, and a careful inspection made of the utensils in use.

CANAL BOATS ACT.

The number of Canal Boats inspected during the year 1907 was 20. No infringements of the regulations were discovered.

FACTORIES, WORKSHOPS, AND WORKPLACES.

Periodical inspections have been made, and attention called to any breach of the Regulations discovered.

OUTWORKERS.

Premises occupied by outworkers have been periodically inspected as to the sanitary condition of the premises. A register is kept of all Factories, Workshops, Workplaces, and residences of Outworkers.

SALE OF FOODS AND DRUGS ACT.

During the twelve months ending December, 1907, I purchased and forwarded to the Public Analyst 44 samples, consisting of 14 Milk, 12 Butter, 2 Lard, 3 Cheese, 5 Pepper, 3 Mustard, 3 Coffee, 1 Arrowroot, 1 Ground Gentian Root.

The Analyst's report on the various samples submitted were forwarded to the Medical Officer of Health, and the Town Council acting as the Urban Sanitary Authority.

A general inspection of the courts and poor localities has been made every two months.

The Common Lodging Houses have been visited daily. No cases of infectious diseases have been notified or discovered.

The Slaughter Houses have been frequently inspected; your regulations were found complied with in every particular.

Unsound Food.—At the request, and by consent of the owners, 2 parcels of herrings, 2 boxes of mackerel and a barrel of spratts; also a barrel of apples and a number of boxes of tomatoes, were destroyed.

The market and shops have been kept under supervision. No bad meat, fish, fruit, or any article of food unfit for human consumption, has been found exposed for sale.

Your obedient Servant,

S. W. MELLOWS.

Inspector of Nuisances.
,, *Foods and Drugs.*
,, *Canal Boats.*
,, *Factories and Workshops.*
,, *Water Fittings.*